# CLAIMS ONLY

| SERIAL NO. | FILING DATE |
|---|---|
| 09/421,506 | 10·19·99 |

APPLICANT(S)

7·30·04  CLAIMS                                                    7·30·04

| | AS FILED | | AFTER 1st AMENDMENT | | AFTER 2nd AMENDMENT | | | * | | * | | * | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IND. | DEP. | IND. | DEP. | IND. | DEP. | | IND. | DEP. | IND. | DEP. | IND. | DEP. |
| 1 | | | | | | | 51 | | | | | | |
| 2 | | | | | | | 52 | | | | | | |
| 3 | | | | | | | 53 | | | | | | |
| 4 | | | | | | | 54 | | | | | | |
| 5 | | | | | | | 55 | | | | | | |
| 6 | | | | | | | 56 | | | | | | |
| 7 | | | | | | | 57 | | | | | | |
| 8 | | | | | | | 58 | | | | | | |
| 9 | | | | | | | 59 | | | | | | |
| 10 | | | | | | | 60 | | | | | | |
| 11 | | | | | | | 61 | | | | | | |
| 12 | | | | | | | 62 | | | | | | |
| 13 | | | | | | | 63 | | | | | | |
| 14 | | | | | | | 64 | | | | | | |
| 15 | | | | | | | 65 | | | | | | |
| 16 | | | | | | | 66 | | | | | | |
| 17 | | | | | | | 67 | | | | | | |
| 18 | | | | | | | 68 | | | | | | |
| 19 | | | | | | | 69 | | | | | | |
| 20 | | | | | | | 70 | | | | | | |
| 21 | | | | | | | 71 | | | | | | |
| 22 | | | | | | | 72 | | | | | | |
| 23 | | | | | | | 73 | | | | | | |
| 24 | | | | | | | 74 | | | | | | |
| 25 | | | | | | | 75 | | | | | | |
| 26 | | | | | | | 76 | | | | | | |
| 27 | | | | | | | 77 | | | | | | |
| 28 | | | | | | | 78 | | | | | | |
| 29 | | | | | | | 79 | | | | | | |
| 30 | | | | | | | 80 | | | | | | |
| 31 | | | | | | | 81 | | | | | | |
| 32 | | | | | | | 82 | | | | | | |
| 33 | | | | | | | 83 | | | | | | |
| 34 | | | | | | | 84 | | | | | | |
| 35 | | | | | | | 85 | | | | | | |
| 36 | | | | | | | 86 | | | | | | |
| 37 | | | | | | | 87 | | | | | | |
| 38 | | | | | | | 88 | | | | | | |
| 39 | | | | | | | 89 | | | | | | |
| 40 | | | | | | | 90 | | | | | | |
| 41 | | | | | | | 91 | | | | | | |
| 42 | | | | | | | 92 | | | | | | |
| 43 | | | | | | | 93 | | | | | | |
| 44 | | | | | | | 94 | | | | | | |
| 45 | | | | | | | 95 | | | | | | |
| 46 | | | | | | | 96 | | | | | | |
| 47 | | | | | | | 97 | | | | | | |
| 48 | | | | | | | 98 | | | | | | |
| 49 | | | | | | | 99 | | | | | | |
| 50 | | | | | | | 100 | | | | | | |
| TOTAL IND. | | | | | | | TOTAL IND. | | | | | | |
| TOTAL DEP. | | | | | | | TOTAL DEP. | | | | | | |
| TOTAL CLAIMS | | | | | | | TOTAL CLAIMS | | | | | | |

*MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

Cancelled 1−382

# CLAIMS ONLY

| SERIAL NO. | FILING DATE |
|---|---|
| 09/421,506 | 10.19.99 |

APPLICANT(S)

7-30-04  CLAIMS  7-30-04

| | AS FILED | | AFTER 1st AMENDMENT | | AFTER 2nd AMENDMENT | | | * | | * | | * | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IND. | DEP. | IND. | DEP. | IND. | DEP. | | IND. | DEP. | IND. | DEP. | IND. | DEP. |
| 1 | | | | | | | 51 | | | | | | |
| 2 | | | | | | | 52 | | | | | | |
| 3 | | | | | | | 53 | | | | | | |
| 4 | | | | | | | 54 | | | | | | |
| 5 | | | | | | | 55 | | | | | | |
| 6 | | | | | | | 56 | | | | | | |
| 7 | | | | | | | 57 | | | | | | |
| 8 | | | | | | | 58 | | | | | | |
| 9 | | | | | | | 59 | | | | | | |
| 10 | | | | | | | 60 | | | | | | |
| 11 | | | | | | | 61 | | | | | | |
| 12 | | | | | | | 62 | | | | | | |
| 13 | | | | | | | 63 | | | | | | |
| 14 | | | | | | | 64 | | | | | | |
| 15 | | | | | | | 65 | | | | | | |
| 16 | | | | | | | 66 | | | | | | |
| 17 | | | | | | | 67 | | | | | | |
| 18 | | | | | | | 68 | | | | | | |
| 19 | | | | | | | 69 | | | | | | |
| 20 | | | | | | | 70 | | | | | | |
| 21 | | | | | | | 71 | | | | | | |
| 22 | | | | | | | 72 | | | | | | |
| 23 | | | | | | | 73 | | | | | | |
| 24 | | | | | | | 74 | | | | | | |
| 25 | | | | | | | 75 | | | | | | |
| 26 | | | | | | | 76 | | | | | | |
| 27 | | | | | | | 77 | | | | | | |
| 28 | | | | | | | 78 | | | | | | |
| 29 | | | | | | | 79 | | | | | | |
| 30 | | | | | | | 80 | | | | | | |
| 31 | | | | | | | 81 | | | | | | |
| 32 | | | | | | | 82 | | | | | | |
| 33 | | | | | | | 83 | | | | | | |
| 34 | | | | | | | 84 | | | | | | |
| 35 | | | | | | | 85 | | | | | | |
| 36 | | | | | | | 86 | | | | | | |
| 37 | | | | | | | 87 | | | | | | |
| 38 | | | | | | | 88 | | | | | | |
| 39 | | | | | | | 89 | | | | | | |
| 40 | | | | | | | 90 | | | | | | |
| 41 | | | | | | | 91 | | | | | | |
| 42 | | | | | | | 92 | | | | | | |
| 43 | | | | | | | 93 | | | | | | |
| 44 | | | | | | | 94 | | | | | | |
| 45 | | | | | | | 95 | | | | | | |
| 46 | | | | | | | 96 | | | | | | |
| 47 | | | | | | | 97 | | | | | | |
| 48 | | | | | | | 98 | | | | | | |
| 49 | | | | | | | 99 | | | | | | |
| 50 | | | | | | | 200 | | | | | | |
| TOTAL IND. | | | | | | | TOTAL IND. | | | | | | |
| TOTAL DEP. | | | | | | | TOTAL DEP. | | | | | | |
| TOTAL CLAIMS | | | | | | | TOTAL CLAIMS | | | | | | |

*MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

# CLAIMS ONLY

**SERIAL NO.** 09/421,506  
**FILING DATE** 10·19·99  
**APPLICANT(S)**

730.04 CLAIMS 7·30·04

| | AS FILED | | AFTER 1st AMENDMENT | | AFTER 2nd AMENDMENT | | | * | | * | | * | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IND. | DEP. | IND. | DEP. | IND. | DEP. | | IND. | DEP. | IND. | DEP. | IND. | DEP. |
| 201 | | | | | | | 251 | | | | | | |
| 202 | | | | | | | 252 | | | | | | |
| 203 | | | | | | | 253 | | | | | | |
| 204 | | | | | | | 254 | | | | | | |
| 205 | | | | | | | 255 | | | | | | |
| 206 | | | | | | | 256 | | | | | | |
| 207 | | | | | | | 257 | | | | | | |
| 208 | | | | | | | 258 | | | | | | |
| 209 | | | | | | | 259 | | | | | | |
| 210 | | | | | | | 260 | | | | | | |
| 211 | | | | | | | 261 | | | | | | |
| 212 | | | | | | | 262 | | | | | | |
| 213 | | | | | | | 263 | | | | | | |
| 214 | | | | | | | 264 | | | | | | |
| 215 | | | | | | | 265 | | | | | | |
| 216 | | | | | | | 266 | | | | | | |
| 217 | | | | | | | 267 | | | | | | |
| 218 | | | | | | | 268 | | | | | | |
| 219 | | | | | | | 269 | | | | | | |
| 220 | | | | | | | 270 | | | | | | |
| 221 | | | | | | | 271 | | | | | | |
| 222 | | | | | | | 272 | | | | | | |
| 223 | | | | | | | 273 | | | | | | |
| 224 | | | | | | | 274 | | | | | | |
| 225 | | | | | | | 275 | | | | | | |
| 226 | | | | | | | 276 | | | | | | |
| 227 | | | | | | | 277 | | | | | | |
| 228 | | | | | | | 278 | | | | | | |
| 229 | | | | | | | 279 | | | | | | |
| 230 | | | | | | | 280 | | | | | | |
| 231 | | | | | | | 281 | | | | | | |
| 232 | | | | | | | 282 | | | | | | |
| 233 | | | | | | | 283 | | | | | | |
| 234 | | | | | | | 284 | | | | | | |
| 235 | | | | | | | 285 | | | | | | |
| 236 | | | | | | | 286 | | | | | | |
| 237 | | | | | | | 287 | | | | | | |
| 238 | | | | | | | 288 | | | | | | |
| 239 | | | | | | | 289 | | | | | | |
| 240 | | | | | | | 290 | | | | | | |
| 241 | | | | | | | 291 | | | | | | |
| 242 | | | | | | | 292 | | | | | | |
| 243 | | | | | | | 293 | | | | | | |
| 244 | | | | | | | 294 | | | | | | |
| 245 | | | | | | | 295 | | | | | | |
| 246 | | | | | | | 296 | | | | | | |
| 247 | | | | | | | 297 | | | | | | |
| 248 | | | | | | | 298 | | | | | | |
| 249 | | | | | | | 299 | | | | | | |
| 250 | | | | | | | 300 | | | | | | |
| TOTAL IND. | | | | | | | TOTAL IND. | | | | | | |
| TOTAL DEP. | | | | | | | TOTAL DEP. | | | | | | |
| TOTAL CLAIMS | | | | | | | TOTAL CLAIMS | | | | | | |

*MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

# CLAIMS ONLY

| SERIAL NO. | FILING DATE |
|---|---|
| 09/421,506 | 10.19.99 |

APPLICANT(S)

7·30·04   CLAIMS   7·30·04

| | AS FILED | | AFTER 1st AMENDMENT | | AFTER 2nd AMENDMENT | | | * | | * | | * 7.30.04 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IND. | DEP. | IND. | DEP. | IND. | DEP. | | IND. | DEP. | IND. | DEP. | IND. | DEP. |
| 301 | | | | | | | 351 | | | | | | |
| 302 | | | | | | | 352 | | | | | | |
| 303 | | | | | | | 353 | | | | | | |
| 304 | | | | | | | 354 | | | | | | |
| 305 | | | | | | | 355 | | | | | | |
| 306 | | | | | | | 356 | | | | | | |
| 307 | | | | | | | 357 | | | | | | |
| 308 | | | | | | | 358 | | | | | | |
| 309 | | | | | | | 359 | | | | | | |
| 310 | | | | | | | 360 | | | | | | |
| 311 | | | | | | | 361 | | | | | | |
| 312 | | | | | | | 362 | | | | | | |
| 313 | | | | | | | 363 | | | | | | |
| 314 | | | | | | | 364 | | | | | | |
| 315 | | | | | | | 365 | | | | | | |
| 316 | | | | | | | 366 | | | | | | |
| 317 | | | | | | | 367 | | | | | | |
| 318 | | | | | | | 368 | | | | | | |
| 319 | | | | | | | 369 | | | | | | |
| 320 | | | | | | | 370 | | | | | | |
| 321 | | | | | | | 371 | | | | | | |
| 322 | | | | | | | 372 | | | | | | |
| 323 | | | | | | | 373 | | | | | | |
| 324 | | | | | | | 374 | | | | | | |
| 325 | | | | | | | 375 | | | | | | |
| 326 | | | | | | | 376 | | | | | | |
| 327 | | | | | | | 377 | | | | | | |
| 328 | | | | | | | 378 | | | | | | |
| 329 | | | | | | | 379 | | | | | | |
| 330 | | | | | | | 380 | | | | | | |
| 331 | | | | | | | 381 | | | | | | |
| 332 | | | | | | | 382 | | | | | | |
| 333 | | | | | | | 383 | | | | | | |
| 334 | | | | | | | 384 | | | | | | |
| 335 | | | | | | | 385 | | | | | | |
| 336 | | | | | | | 386 | | | | | | |
| 337 | | | | | | | 387 | | | | | | |
| 338 | | | | | | | 388 | | | | | | |
| 339 | | | | | | | 389 | | | | | | |
| 340 | | | | | | | 390 | | | | | | |
| 341 | | | | | | | 391 | | | | | | |
| 342 | | | | | | | 392 | | | | | | |
| 343 | | | | | | | 393 | | | | | | |
| 344 | | | | | | | 394 | | | | | | |
| 345 | | | | | | | 395 | | | | | | |
| 346 | | | | | | | 396 | | | | | | |
| 347 | | | | | | | 397 | | | | | | |
| 348 | | | | | | | 398 | | | | | | |
| 349 | | | | | | | 399 | | | | | | |
| 350 | | | | | | | 400 | | | | | | |
| TOTAL IND. | | | | | | | TOTAL IND. | | | | | | |
| TOTAL DEP. | | | | | | | TOTAL DEP. | | | | | | |
| TOTAL CLAIMS | | | | | | | TOTAL CLAIMS | | | | | 8 9 | |

*MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

*U.S. GPO: 1998-443-593/89152